



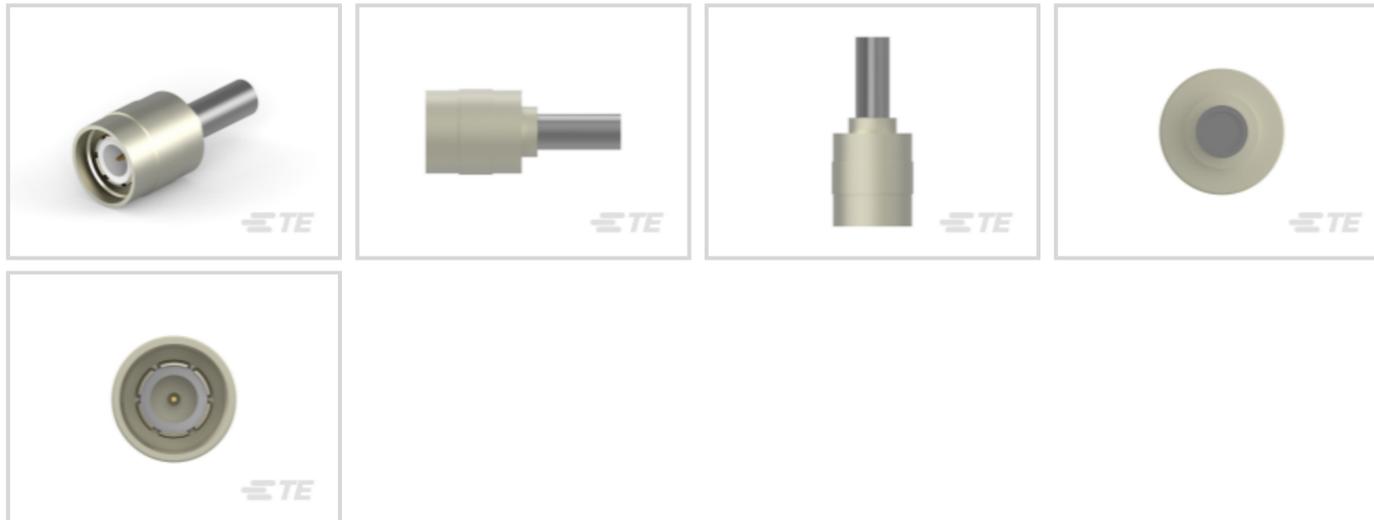
TE Internal #: 5222506-1

TE Internal Description: CONNECTOR,PLUG,HEX CRIMP,TNC

TNC Connector: Plug, 50 Ohm

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > TNC Connector: Plug, 50 Ohm



RF Interface: **TNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **16.26 mm [ .64 in ]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 58, RG 58A, RG 58B, RG 58C**

[All TNC Connector: Plug, 50 Ohm \(0\)](#)

## Features

### Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58, RG 58A, RG 58B, RG 58C
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
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### Body Features

Cable Connector Orientation	Straight
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Body Material	Brass
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Body Plating Material	Nickel
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### Contact Features

RF Connector Center Contact Underplating Material	Nickel
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Crimp Type	Hex
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
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RF Contact Captivation Method	Mechanical
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Detent	Without
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### Dimensions

RF Connector Mated Outer Diameter (Approximate)	16.26 mm[.64 in]
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### Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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### Operation/Application

Operating Frequency	7 GHz
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### Packaging Features

Packaging Method	Bag
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### Other

Grade	Commercial
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Dielectric Material	Polypropylene
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
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Candidate List Declared Against: JAN 2021  
(211)

SVHC > Threshold:

Pb (3.7% in Component part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

**Product Compliance Disclaimer**

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # 1-1337604-0  
SMB SMT Skt 50Ohm Gold Pltd



TE Part # 1-1337469-0  
TNC BHSkt + Tag 50Ohm Silver Pltd



TE Part # 1057780-1  
3152 1201 10,TNC FLANGE JACK



TE Part # 1-1337552-0  
FME Str Jk Hex Nickel Pltd RG58C/U, 141A



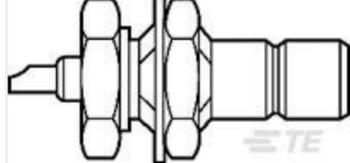
TE Part # 1-1478416-0  
TNC Str Jk PS 50Ohm Silver Pltd RG58C/U,



TE Part # 5228686-1  
TWIN BNC PCB RCPT



TE Part # 5332342  
TWIN BNC BHD JACK TEF



TE Part # 228220-1  
JACK ASSY,SMB,RREFERENCE



## Documents

### Product Drawings

CONNECTOR,PLUG,HEX CRIMP,TNC

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5222506-1\\_O.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5222506-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5222506-1\\_O.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages



## TNC Connectors

English

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### Product Specifications

Connector, TNC Series, Coaxial, Commercial

English

### Product Specification

English

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### Instruction Sheets

Instruction Sheet (U.S.)

English

COAXICON 50-Ohm RF Series Commercial TNC Plug Connectors (Hex Crimp Type)

English